

branches which give the tree a pyramidal shape. Leaves usually in threes or opposite. Fruit one or two inches long, oblong, edible, yellow at first or when ripe, two seeded, and used by the natives to make a fermented liquor. Abundant in sandy soil through the M'Chopes country to Inhambane." (Sim, Forest Flora of Portuguese East Africa.) Introduced as a possible stock for the mangosteen, *Garcinia mangostana*. For distribution later.

HORDEUM VULGARE. (Poaceae.) 32767. Seeds of barleys from Rostoff-on-Don, Russia. "A new variety of black summer barley, having smooth awns. It is a decided improvement on the ordinary barleys with their objectionable barbed awns, and especially for feeding purposes. Obtained at the Agricultural experiment station near Rostoff-on-Don through Mr. S. M. Groobnieff, secretary of the Don-Kuban-Tersk agricultural society. This barley seems to do well in regions with rather high summer temperatures and where there is only a relatively slight precipitation." (Meyer's introduction.) For distribution later.

LILIUM SP. (Liliaceae.) 32764. Seeds of a hybrid lily from Kozlov, Tambov government, Russia. "A hybrid lily, originated by Mr. I. V. Mijurin, at Kozlov, bearing large flowers of deep yellow color and being extraordinarily floriferous. Of great promise apparently as an ornamental perennial for the hardy border. Bulbs of this hybrid are stated by Mr. Mijurin to weigh up to 6 pounds apiece." (Meyer's introduction.) For distribution later.

OLEA EUROPAEA. (Oleaceae.) 32880. Cuttings of an olive from Granada, Spain. Received from Mr. Pedro Giraud, at the request of Mr. William A. S. Davenhill, British vice-consul. "Cuatro Hermanos, from Canales. These olives are of good size and early maturity, ripening in November. They occur in fours, sitting close together and forming a cross with four arms on the very stem. It is said to be one of the best olives for both oil and pickling. Olives from this locality are considered some of the hardiest and are suited to districts situated on the limits of possible olive culture, Canales being about 4000 feet above Granada and 6000 above sea level, and subject to heavy winds, heavy frosts and winter snows. Still olive culture is profitable around Canales and every available space of ground is covered with trees." (Dr. Gustav Eisen, at whose suggestion the cuttings were procured.) For distribution later.

PERSEA AMERICANA. (Lauraceae.) 32691, 32842, 32874. Seeds of avocados from the state of Puebla, Mexico, presented